3M™ Digital Projector X31

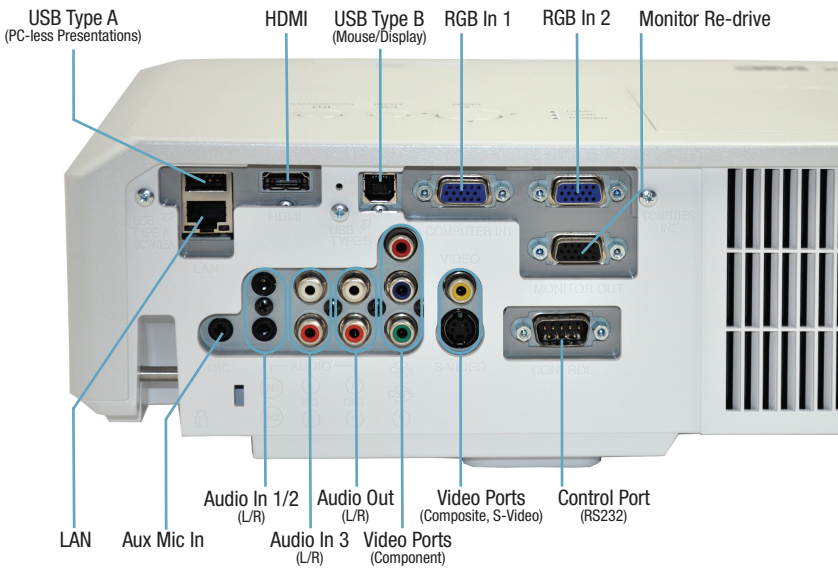
The 3M Digital Projector X31 features 2,700 lumens of brightness and a 2000:1 contrast ratio for exceptional picture quality. Backed by the 3M brand for superior performance and reliability, the X31 features network functionality which allows effective management of assets to reduce cost of ownership, limit downtime and avoid unnecessary maintenance. Coupled with a new hybrid filter that operates for up to 4,000 hours under normal conditions the X31 is ideal for education and business organisations who are looking for minimal running costs over the lifetime of the projector.

3M X31 Projector
78-9236-7723-7

Features

- 2700 lumens*
- 2000:1 contrast ratio
- AutoVertical Keystone Adjustment
- Quick Start and Instant Off
- Network Contol, Management and Presenting
- 16W Audio Out sound
- HDMI connectivity
- USB Display
- AMX Device Discovery
- Advanced Security Features
- Light weight: 3.6kg

**Indicates maximum lumens rating*



Optical

Resolution
Native: True XGA (1024 x 768)
Maximum: UXGA (1600 x 1200)

Imager set
0.63", P-Si TFT Panel

Aspect Ratio
native 4:3, 16:9 and 14:9 letterbox

Colors
16.7 million true colors (24 bit)

Contrast Ratio
2000:1

Brightness
2700 lumens (maximum), 2000 lumens (eco mode)

Projection Lens
F1.67-1.91 (f=19-23mm

Vertical Lens Shift
9:1 Fixed

Screen Size (range)
30-300 inches

Zoom/Focus
Manual

Zoom Ratio
1.2:1

Throw Ratio (distance:width)
1.5:1 - 1.8:1

Optional Lenses
NA

Lamp
UHB 210W (normal mode), 140W (eco mode)

Lamp Life*
Up to 3000 hours (normal mode)
Up to 6000 hours (eco mode)
** Lamp life may vary due to environment and usage. Lamp brightness decreases over time.*

Size

Dimensions (W x H x D)
12.5 x 3.9 x 11.3 in. (317 x 98 x 288mm)

Weight
3.6kg

Warranties

Projector
3 years or 2500 hours

Lamp
90 days or 180 hours

System Specifications

Video Compatibility
NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM

SDTV/HDTV
525i (480i), 525p (480p), 625i (576i)/ 750p (720p@60Hz), 1125i (1080i@60Hz)

Digital Keystone Correction
Vertical ±30 degrees

Mouse Emulation
USB

Audio
1 x 16 Watt

Startup Screen
Customizable

Noise Level
Normal 37dB; Eco 30dB

Feature Set
Auto off, 4x digital magnification, image blank

Horizontal Scan
31.5 - 106 kHz

Vertical Scan
56 - 120 Hz

Power Consumption
330W (Eco Stand-by) less than 1 watt

Power Supply
AC 110~120V /220~240V (50/60 Hz)

Regulatory Approvals
UL, cUL, FCC Part 15 Subpart B, Class B, EN60950-1, CE

Operating Temperature
41°- 95°F (5°- 35°C)

Storage Temperature
-4°- 140°F (-20°- 60°C)

Altitude
Sea level to 6000 ft. (1,829m)

Technical Support

• Free unlimited software downloads and updates available on our website at www.3m.com/meetings

Connections

Computer
Computer 1,2 15 pin HD-Sub – Analog Computer Input
USB Type B – Mouse Emulation
Monitor Out 15 Pin HD-Sub – Analog Computer Output
USB Type A – PC-Less Presentations
Control 9 Pin D-Sub – RS-232 Control Port
Audio in 1, 2 3.5mm Stereo mini jack – PC Audio input

Video
HDMI – Digital Video and Audio
Component 3xRCA (Y, Cb/Pb, Cr/Pr) – Component Video input
S-Video 4 Pin Mini-Din – S-Video Input
Video RCA – Composite Video Input
Audio In 3, 2xRCA (red, white) – Right and Left Channel Input
Audio Out, 2xRCA (red, white) – Right and Left Channel Output
MIC 3.5mm stereo – Microphone Audio Input

Wired LAN
Standard: 10 BASE-T / 100 BASE-TX
Connection: RJ-45
Featuring:
PJCtrl: Control a projector via the network
PJImg: Create MyImage file and send it to the projector
PJMan: Control multiple projectors via the network
PJMessenger: Transmit and display a message on a projector via the network
Liveviewer: Wireless presentations via the Lan

Accessories Included

Network Contol, Management and Presenting Software
Power cords (US, UK, Europe)
Remote control without laser (with AA batteries)
RGB cable
Multi-Language Operator's Guide CD
Lens cap

Optional Accessories

Lamp replacement kit	78-6972-0008-3
Universal ceiling mount	78-6969-9874-5
Adjustable height extension	78-6969-9698-8

Screen Size Diagonal [inch (m)]	Image Size 4:3 Projection Distance		Image Size 16:9 Projection Distance	
	Min. [inch (m)]	Max. [inch (m)]	Min. [inch (m)]	Max. [inch (m)]
30" (0.8)	34" (0.9)	41" (1.0)	38" (1.0)	45" (1.1)
60" (1.5)	70" (1.8)	83" (2.1)	77" (1.9)	91" (2.3)
80" (2.0)	94" (2.4)	112" (2.8)	102" (2.6)	122" (3.1)
100" (2.5)	118" (3.0)	140" (3.6)	128" (3.3)	153" (3.9)
150" (3.8)	177" (4.5)	211" (5.3)	193" (4.9)	229" (5.8)
200" (5.1)	237" (6.0)	281" (7.1)	258" (6.6)	306" (7.8)
300" (7.6)	356" (9.0)	422" (10.7)	388" (9.9)	460" (11.7)

Note: These sizes are +10 percent. This is due to variations in the manufacture of the lens. If you are close to one of the endpoints you should verify with your unit that the image is the proper size at the proper distance.

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